

Water Rating Index (WRI) Certification



Home Innovation
CERTIFIED Water Rating Index™



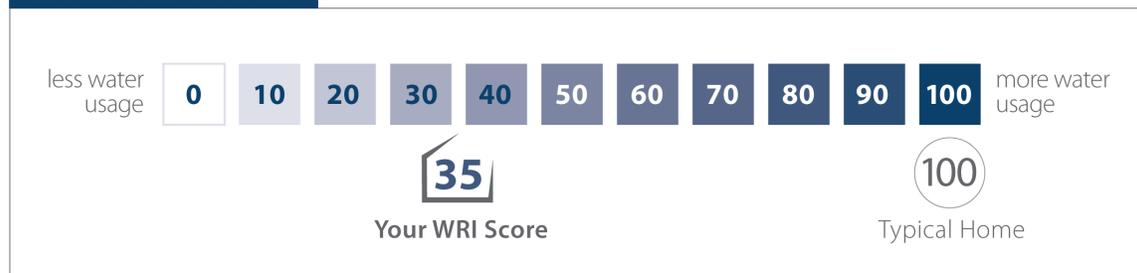
Whole-Building Water Performance Ratings

A credible third-party water rating allows builders to showcase the efficient design and construction of their homes and measure how they compare to code-minimum construction. A water rating is a score of a whole property's water uses, including both indoor and outdoor uses.

Water Rating Index (WRI)

The ICC 700-2020 National Green Building Standard® (NGBS) introduced the Water Rating Index (WRI) as a new optional compliance path for homes and multifamily buildings to calculate the building's water efficiency. Included as an appendix within the Standard, WRI assesses a property's total indoor and outdoor water use compared to a baseline using the home's size and basic configurations. The WRI methodology is straightforward and accounts for performance-based design and innovative features that contribute toward water savings. A home can score between 0 and 100, with lower scores indicating more efficient water use.

WATER RATING INDEX



Interested in earning a certified WRI score for your project(s)?

Visit HomeInnovation.com/WRI

Understanding Expected Water Use

With a Certified WRI score, a builder or developer can easily communicate overall water use with investors, local officials, and prospective home buyers or renters. Investors or lenders can measure the relative water efficiency of properties they underwrite to fulfill their ESG goals. Local officials gain a better understanding of a home's impact on the public water system. Prospective homebuyers or renters gain a better understanding of a home's total cost of ownership with a straightforward metric they can use to compare one property to another.

NGBS Credibility

The WRI methodology is included as an appendix within the 2020 NGBS, which is an ANSI-approved standard. This means it was developed through an open consensus process with input from diverse industry leaders. This open process ensures its methodology was developed with reasonable assumptions and sound water usage data.

Because of its inherent credibility as an ANSI-approved standard, the NGBS is recognized by many federal, state, and local governments and financing agencies across the country for green-related financial incentives.

Third-Party Verification

During a project's design phase, the builder or developer will meet with an accredited NGBS Green WRI Verifier — a third-party professional who has completed specialized training in water efficiency verification — to generate baseline and preliminary WRI values based on the building's plans. The WRI Verifier will inspect the project and verify that all water-efficient features are installed correctly and performing as expected. A final WRI value based on the Verifier's findings is calculated and recorded in a verification report. Home Innovation reviews all verification reports to ensure accuracy and completeness and issues the WRI certificate for the project.



Water Rating Components

- Efficiency of fixtures, faucets, and appliances:
 - * Toilet
 - * Shower
 - * Bathtub
 - * Bathroom Faucet
 - * Kitchen Faucet
 - * Dishwasher
 - * Clothes Washer
- Hot water delivery system design
- All outdoor water use:
 - * Landscaping
 - * Pools, Spas, and Fountains
- Rainwater, greywater, and/or blackwater capture and use

Connect with an accredited WRI Verifier at [HomeInnovation.com/FindNGBSVerifier](https://www.homeinnovation.com/FindNGBSVerifier).